



100903

BIRCH, STEWART, KOLASCH & BIRCH, LLP

TERRELL C. BIRCH
 RAYMOND C. STEWART
 JAMES M. SLATTERY
 MICHAEL K. MUTTER
 CHARLES GORENSTEIN
 GERALD M. MURPHY, JR.
 LEONARD R. SVENSSON
 ANDREW D. MEIKLE
 MARC S. WEINER
 JOE MCKINNEY MUNCY
 ROBERT J. KENNEY
 JOHN W. BAILEY
 MARK J. NUELLE, PH.D.
 JAMES T. ELLER, JR.
 D. RICHARD ANDERSON
 THOMAS M. SMALL*
 ROBERT A. SELDON*
 JOHN A. SCILLIERI*
 SANFORD ASTOR*

OF COUNSEL:
 HERBERT M. BIRCH (1905-1996)
 BERNARD L. SWEENEY*
 ELLIOT A. GOLDBERG*
 WILLIAM L. GATES*
 EDWARD H. VALANCE
 RUPERT J. BRADY (RET.)*
 F. PRINCE BUTLER
 FRED S. WHISENHUNT (RET.)
 JAMES W. HELLWEGE
 QUENTIN R. "RICK" CORRIE
 ROBERT F. GNUSE
 DAVID R. MURPHY
 ROBERT M. ASHEN*
 MICHAEL R. CAMMARATA

*ADMITTED TO A BAR OTHER THAN VA.

INTELLECTUAL PROPERTY LAW
 8110 GATEHOUSE ROAD
 SUITE 100 EAST
 FALLS CHURCH, VA 22042-1248
 U S A

(703) 205-8000
 FAX: (703) 205-8050
 (703) 698-8590 (G IV)

e-mail: mailroom@bskb.com
 web: http://www.bskb.com

CALIFORNIA OFFICES:
 CARLSBAD, CALIFORNIA
 COSTA MESA, CALIFORNIA
 LOS ANGELES, CALIFORNIA

SENIOR COUNSEL:
 JOSEPH A. KOLASCH

SCOTT L. LOWE
 PAUL C. LEWIS
 RICHARD GALLAGHER
 MARYANNE ARMSTRONG, PH.D.
 KECIA J. REYNOLDS
 KALPANA REDDY
 ESTHER H. CHONG
 CATHERINE M. VOISINET*
 EUGENE T. PEREZ
 CAROLYN T. BAUMGARDNER*
 MARTIN R. GEISSLER*
 J. ALISON GRABELL*
 T. BENJAMIN SCHROEDER, PH.D.
 PERCY L. SQUARE
 HYUNG N. SOHN
 CLINT A. GERDINE
 CRAIG A. MCROBBIE
 WILLIAM F. NIXON*
 DANIEL K. DORSEY
 MATTHEW T. SHANLEY

REG. PATENT AGENTS:
 FREDERICK R. HANDREN
 MAKI HATSUMI
 GARTH M. DAHLEN, PH.D.
 ROBERT E. GOOZNER, PH.D.
 KRISTIL L. RUPERT, PH.D.
 SUSAN W. GORMAN, PH.D.
 ROBERT W. DOWNS
 CHAD J. BILLINGS
 CHRISTINE V. CASTILLO
 CARL T. THOMSEN
 JASON W. RHODES
 SAM BHATTACHARYA
 BRADLEY C. FACH

Date: October 9, 2003

Docket No.: 2927-0155P

MS PATENT APPLICATION

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): MIKI, Mitsunori; UEDA, Masahiko and
 ONUKI, Masahide

For: METHOD AND APPARATUS OF MEASURING ROTATIONAL AND FLIGHT
 CHARACTERISTICS OF SPHERE

Enclosed are:

- ☒ A specification consisting of Sixty (60) pages
- ☒ Fourteen (14) sheet(s) formal drawings
- ☒ An assignment of the invention
- ☐ Applicant claims small entity status under 37 C.F.R. § 1.27
- ☐ Applicant does not claim priority

031088 U.S. PTO
 10/681156

 100903

- ☒ Applicant claims the right of priority under 35 U.S.C. § 119 based on Application No(s). 2002-297580 filed in JAPAN on October 10, 2002.
- ☒ Certified copy(ies) is(are) attached hereto.
- ☐ Certified copy(ies) will follow.
- ☒ Executed Declaration (☒ Original ☐ Photocopy)
- ☐ Application Data Sheet in accordance with 37 C.F.R. § 1.76
- ☒ Preliminary Amendment
- ☒ Information Disclosure Statement, PTO-1449 and reference(s)
- ☐ Other:
- ☐ Applicant requests early publication - \$300.00 publication fee
- ☐ Non-publication Request and Certification under 35 U.S.C. § 122(b) (2) (B) (i)

The filing fee has been calculated as shown below:

			LARGE ENTITY	SMALL ENTITY
BASIC FEE			\$770.00	\$385.00
	NUMBER FILED	NUMBER EXTRA	RATE FEE	RATE FEE
TOTAL CLAIMS	8- 20 =	0	X 18 = \$0.00	x 9 = \$0.00
INDEPENDENT CLAIMS	2- 3 =	0	x 86 = \$0.00	x 43 = \$0.00
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED			+ \$290.00	+ \$145.00
TOTAL			\$770.00	\$0.00

- ☒ A check in the amount of \$810.00 to cover the filing fee and recording fee (if applicable) is enclosed.

☐ Please charge Deposit Account No. 02-2448 in the amount of \$0.00. A triplicate copy of this transmittal form is enclosed.

☒ Please send correspondence to:

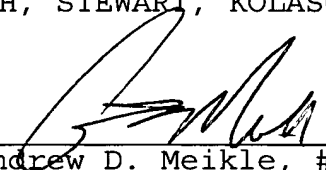
BIRCH, STEWART, KOLASCH & BIRCH, LLP or Customer No. 02292
P.O. Box 747
Falls Church, VA 22040-0747
(703) 205-8000

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By


Andrew D. Meikle, #32,868

ADM/smt
2927-0155P

P.O. Box 747
Falls Church, VA 22040-0747
(703) 205-8000

Attachment(s)

(Rev. 09/30/03)